**Amendments to the Claims:** 

This listing of claims will replace all prior versions, and listings, of claims in the

application. Please amend Claims 1-6, 8-11, 13-17, 19-21, 23-27, 29-31, 33-43, and 45 as

indicated in the following Listing of Claims. Please cancel Claims 7, 18, and 28 without

prejudice or disclaimer.

**Listing of Claims:** 

1. (Currently amended) A polymer homopolymer or copolymer of ethylene having a

polydispersity index (Mw/Mn) less than or equal to about 20, and a film clarity of a 1 mil film

less than or equal to about 30%, and a film haze of a 1 mil film greater than or equal to about

<u>70%</u>.

2. (Currently amended) The polymer homopolymer or copolymer of Claim 1,

wherein the polydispersity index is less than or equal to about 12, and the film clarity is less than

or equal to about 20%, and the film haze is greater than or equal to about 80%.

3. (Currently amended) The polymer homopolymer or copolymer of Claim 1,

wherein the polydispersity index is less than or equal to about 10, and the film clarity is less than

or equal to about 10%, and the film haze is greater than or equal to about 90%.

4. (Currently amended) The polymer homopolymer or copolymer of Claim 1, further

characterized by a density less than about 0.935 g/cm<sup>3</sup>.

5. (Currently amended) The polymer homopolymer or copolymer of Claim 1, further

characterized by a melt index (MI) from about 0.01 to about 10 dg/min.

Application No. 10/797,897

Filed: March 10, 2004 Page 4 of 14

6. (Currently amended) The polymer homopolymer or copolymer of Claim 1, further

characterized by a high load melt index (HLMI) from about 8 to about 180 dg/min.

7. (Canceled)

8. (Currently amended) The <del>polymer</del> homopolymer or copolymer of Claim 1, further

characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

9. (Currently amended) The polymer homopolymer or copolymer of Claim 1, further

characterized by a film coefficient of friction less than about 0.55.

10. (Currently amended) A film comprising the polymer homopolymer or copolymer

of Claim 1.

11. (Currently amended) A molded product comprising the <del>polymer</del> homopolymer or

copolymer of Claim 1.

12. (Original) The molded product of Claim 11, wherein the molded product is a film,

a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded

product, or a blow molded product.

13. (Currently amended) The molded product of Claim 11, wherein the molded

product is a multilayer product comprising more than one layer of the polymer homopolymer or

copolymer.

14. (Currently amended) A polymer homopolymer or copolymer of ethylene having a

melt index (MI) from about 0.01 to about 10 dg/min, and a film clarity of a 1 mil film less than

or equal to about 30%, and a film haze of a 1 mil film greater than or equal to about 70%.

Application No. 10/797,897

Filed: March 10, 2004

Page 5 of 14

15. (Currently amended) The polymer homopolymer or copolymer of Claim 14,

wherein the melt index is from about 0.03 to about 7 dg/min, and the film clarity is less than or

equal to about 20%, and the film haze is greater than or equal to about 80%.

16. (Currently amended) The polymer homopolymer or copolymer of Claim 14,

wherein the melt index is from about 0.05 to about 5 dg/min, and the film clarity is less than or

equal to about 10%, and the film haze is greater than or equal to about 90%.

17. (Currently amended) The polymer homopolymer or copolymer of Claim 14,

further characterized by a density less than about 0.935 g/cm<sup>3</sup>.

18. (Canceled)

19. (Currently amended) The polymer homopolymer or copolymer of Claim 14,

further characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

20. (Currently amended) A film comprising the polymer homopolymer or copolymer

of Claim 14.

21. (Currently amended) A molded product comprising the polymer homopolymer or

copolymer of Claim 14.

22. (Original) The molded product of Claim 21, wherein the molded product is a film,

a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded

product, or a blow molded product.

23. (Currently amended) The molded product of Claim 21, wherein the molded

product is a multilayer product comprising more than one layer of the polymer homopolymer or

copolymer.

Application No. 10/797,897

Filed: March 10, 2004

Page 6 of 14

24. (Currently amended) A polymer homopolymer or copolymer of ethylene having a

high load melt index (HLMI) from about 8 to about 180 dg/min, and a film clarity of a 1 mil film

less than or equal to about 30%, and a film haze of a 1 mil film greater than or equal to about

<u>70%</u>.

25. (Currently amended) The polymer homopolymer or copolymer of Claim 24,

wherein the high load melt index (HLMI) is from about 10 to about 150 dg/min, and the film

clarity is less than or equal to about 20%, and the film haze is greater than or equal to about 80%.

26. (Currently amended) The polymer homopolymer or copolymer of Claim 24,

wherein the high load melt index (HLMI) is from about 11 to about 100 dg/min, and the film

clarity is less than or equal to about 10%, and the film haze is greater than or equal to about 90%.

27. (Currently amended) The polymer homopolymer or copolymer of Claim 24,

further characterized by a density less than about 0.935 g/cm<sup>3</sup>.

28. (Canceled)

29. (Currently amended) The polymer homopolymer or copolymer of Claim 24,

further characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

30. (Currently amended) A film comprising the polymer homopolymer or copolymer

of Claim 24.

31. (Currently amended) A molded product comprising the polymer homopolymer or

copolymer of Claim 24.

32. (Original) The molded product of Claim 31, wherein the molded product is a film,

a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded

product, or a blow molded product.

Application No. 10/797,897

Filed: March 10, 2004

Page 7 of 14

33. (Currently amended) The molded product of Claim 31, wherein the molded

product is a multilayer product comprising more than one layer of the polymer homopolymer or

copolymer.

34. (Currently amended) A polymer homopolymer or copolymer of ethylene having

a film haze of a 1 mil film at least about 60%, and a high load-melt index (HLMI) from about 8

to about 180 dg/min density less than about 0.935 g/cm<sup>3</sup>.

35. (Currently amended) The polymer homopolymer or copolymer of Claim 34,

wherein the film haze of a 1 mil film is at least about 70%, and high load melt index is from

about 10 to about 150 dg/min.

36. (Currently amended) The polymer homopolymer or copolymer of Claim 34,

wherein the film haze of a 1 mil film is at least about 70% 80%, and the high load melt index is

from about 11 to about 100 dg/min.

37. (Currently amended) The polymer homopolymer or copolymer of Claim 34,

further characterized by a polydispersity index (Mw/Mn) less than or equal to about 20.

38. (Currently amended) The polymer homopolymer or copolymer of Claim 34,

further characterized by a wherein the density is less than about 0.935 0.926 g/cm<sup>3</sup>.

39. (Currently amended) The polymer homopolymer or copolymer of Claim 34,

further characterized by a melt index (MI) from about 0.01 to about 10 dg/min.

40. (Currently amended) The polymer homopolymer or copolymer of Claim 34,

further characterized by a melt strength of a 1 mil film greater than or equal to about 5.0 in.

Application No. 10/797,897

Filed: March 10, 2004

Page 8 of 14

41. (Currently amended) The polymer homopolymer or copolymer of Claim 34,

further characterized by a substantially constant film haze measured at a film thickness from

about 0.5 mil to about 1 mil.

42. (Currently amended) A film comprising the <del>polymer</del> homopolymer or copolymer

of Claim 34.

43. (Currently amended) A molded product comprising the polymer homopolymer or

copolymer of Claim 34.

44. (Original) The molded product of Claim 43, wherein the molded product is a film,

a sheet, a fiber, an extrusion molded product, an injection molded product, an expansion molded

product, or a blow molded product.

45. (Currently amended) The molded product of Claim 43, wherein the molded

product is a multilayer product comprising more than one layer of the polymer homopolymer or

copolymer.